

54. (Twice Amended) The apparatus for decomposing a polluted gas according to claim 52, wherein the polluted soil-containing means or the stirring means is provided with a concentration-measuring means for measuring the concentration of a gas emitted from the polluted soil contained therein.

B1 55. (Twice Amended) The apparatus for decomposing a polluted gas according to claim 52, wherein the heating means or the stirring means is controlled depending on the measured values of the concentration-measuring means for measuring the concentration of the gas emitted from the polluted soil.

Kindly add new claims 63 and 64 as follows:

Sub E1 63. (New) The method of purifying polluted soil according to claim 59, wherein the inorganic acid or the organic acid is at least one selected from the group consisting of hydrochloric acid, hydrofluoric acid, oxalic acid, sulfuric acid, phosphoric acid, boric acid, acetic acid, formic acid, malic acid and citric acid.

64. (New) The method of purifying polluted soil according to claim 60, wherein the inorganic acid or the organic acid is at least one selected from the group consisting of hydrochloric acid, hydrofluoric acid, oxalic acid, sulfuric acid, phosphoric acid, boric acid, acetic acid, formic acid, malic acid and citric acid.